SunLong Biotech Co.,LTD
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# Mouse Anti-human CD274 (B7-H1 , PD-L1)antibody

SLM-30139M

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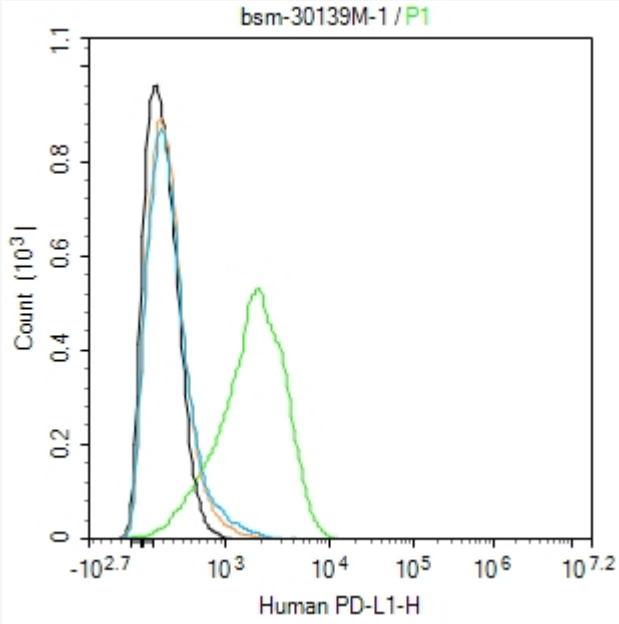
|---|---|
| **Product Name** | human CD274 (B7-H1, PD-L1) |
| **Chinese Name** | 人 CD274 (B7-H1, PD-L1)单克隆抗体 |
| **Alias** | Programmed cell death 1 ligand 1; CD274; B7 H; B7 H1; B7 homolog 1; B7-H1; B7H; B7H1; CD 274; CD274 antigen; CD274 molecule; MGC142294; MGC142296; PD L1; PD1L1_HUMAN; PD1L1_Mouse; PDCD1 ligand 1; PDCD1L1; PDCD1LG1; PDL 1; PDL1; Programmed death ligand 1; RGD1566211. |
| **Immunogen Species** | Mouse |
| **Clonality** | Monoclonal |
| **Clone NO.** | 4C11 |
| **React Species** | Human, |
| **Applications** | Flow-Cyt=1ug/Test<br>not yet tested in other applications.<br>optimal dilutions/concentrations should be determined by the end user. |
| **Theoretical molecular weight** | 32kDa |
| **Detection molecular weight** | 40 |
| **Form** | Liquid |
| **Lsotype** | Mouse IgG2b, k |
| **Purification** | Affinity purified by Protein G |
| **Buffer Solution** | 1M TBS(pH=7.4) |
| **Storage** | Shipped at 4℃. Store at -20℃ for one year. Avoid repeated freeze/thaw cycles. |
| **Attention** | This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications. |
| **PubMed** | PubMed |
| **Product Detail** | TThis gene encodes an immune inhibitory receptor ligand that is expressed by hematopoietic and non-hematopoietic cells, such as T cells and B cells and |

various types of tumor cells. The encoded protein is a type I transmembrane protein that has immunoglobulin V-like and C-like domains. Interaction of this ligand with its receptor inhibits T-cell activation and cytokine production. During infection or inflammation of normal tissue, this interaction is important for preventing autoimmunity by maintaining homeostasis of the immune response. In tumor microenvironments, this interaction provides an immune escape for tumor cells through cytotoxic T-cell inactivation. Expression of this gene in tumor cells is considered to be prognostic in many types of human malignancies, including colon cancer and renal cell carcinoma. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2015]

**SWISS:**
Q9NZQ7

**Gene ID:**
29126

**Product Picture**




Blank control（black line）:MDA-MB-231.

Primary Antibody (green line): Mouse Anti-Human PD-L1 antibody

(SLM-30139M)

Dilution:1ug/Test;

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Secondary Antibody（white blue line）: Goat anti-mouse IgG-FITC

Dilution: 0.5ug/Test.

Isotype control（orange line）: Normal Mouse IgG

Protocol

The cells were incubated in 5%BSA to block non-specific protein-protein interactions for 30 min at room temperature .Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.